

**Replacement Drawing**

Effect of Calcium on 7050 Ingot Cracking - No Beryllium  
Grain Refined with Ti-C

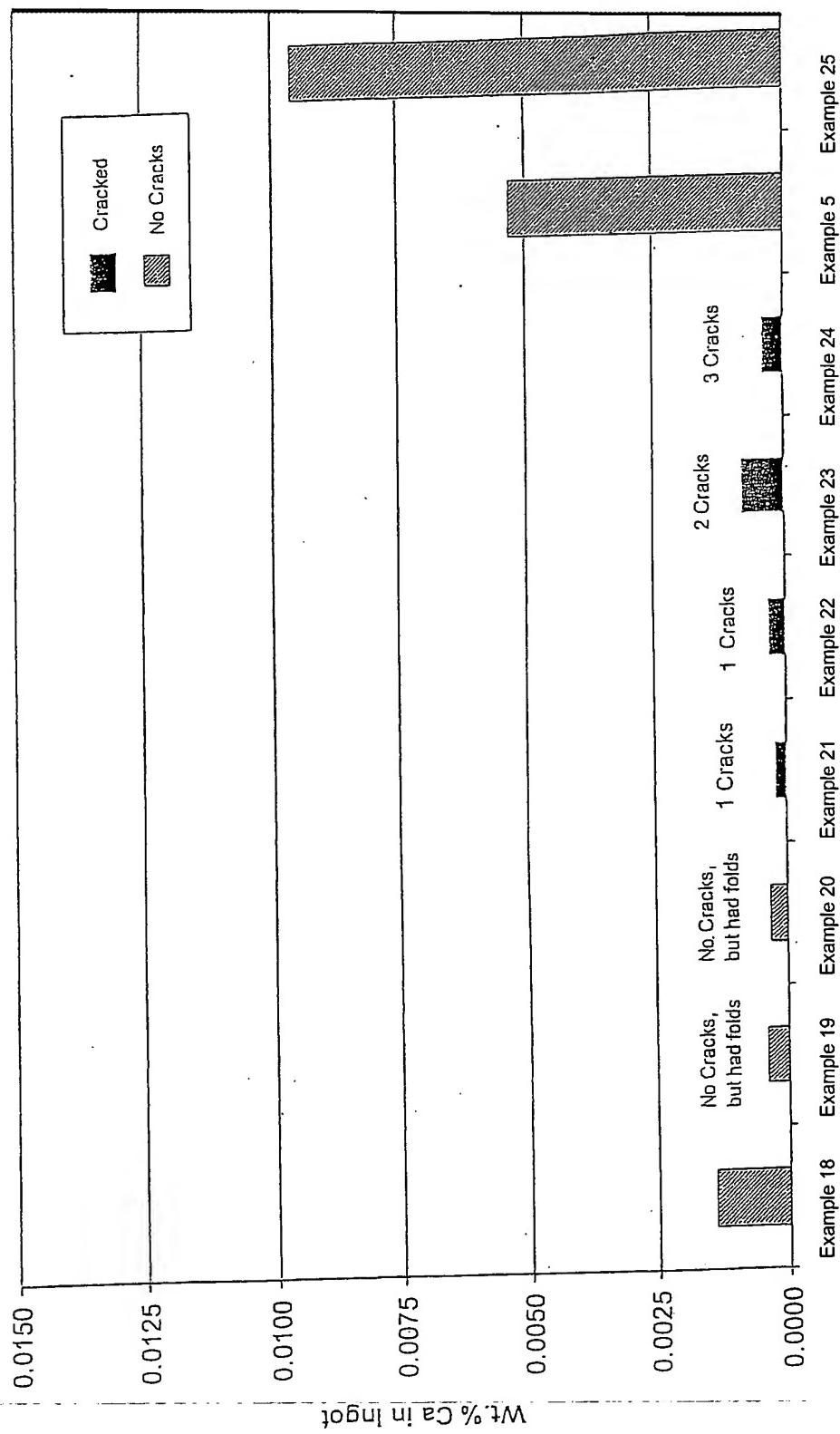


Fig. 6b

